## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

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Claim 1 (currently amended): An antenna device (1, 1', 1"), 1 2 comprising: 3 at least one sheet-shaped support (2) which is folded along at least one fold-line (3-8, 80-83), said support (2) 4 including: 5 at least one first support plane (10-13) adjacent to at 6 7 least one of said fold-lines (3-8, 80-83), which first support plane (10-13) has at least one first antenna 8 9 structure (100) arranged for receiving or emitting 10 electro-magnetic radiation; and at least one second support plane (10-13) adjacent to 11 at least one of said fold-lines (3-8, 80-83), which second 12 support plane (10-13) is positioned at an angle with respect 13 to the first support plane (10-13) and which second support 14 15 plane (10-13) has at least one second antenna 16 structure (100) arranged for receiving or emitting electro-magnetic radiation. 17 Claim 2 (currently amended): An antenna device (1, 1', 1") 1 as claimed in claim 1, wherein 2 at least one of the first antenna structures (100) is 3 4 arranged for receiving or emitting electro-magnetic 5 radiation of a first-polarisation polarization; and wherein at least one of the second antenna structures (100) is 6

arranged for receiving or emitting electro-magnetic

radiation of a second polarisation-polarization different 8 from said first polarisation polarization. 9 1 Claim 3 (currently amended): An antenna device (1, 1', 1") as claimed in claim 1-or 2, wherein the support (2) is 2 folded along at least two fold-lines (3-8, 80-83), and 3 further comprises a base plane (15, 15a, 15b) adjacent to a 4 side of a fold-line (3-8, 80-83), at least one of the first 5 and second support plane (10-13) being adjacent to another 6 7 side of that fold-line (3-8,80-83); and said base plane (15,15a, 15b) being positioned at an 8 angle with respect to the first and second support 9 plane (10-13). 10 Claim 4 (currently amended): An antenna device (1, 1', 1") 1 2 as claimed in any one of the preceding claims claim 1, wherein the support (2) comprises an electrically isolating 3 layer (20,21). 4 Claim 5 (original): An antenna device (1, 1', 1") as claimed 1 in claim 4, wherein the electrically isolating-layer (20,21) 2 is made of a flexible material. 3 Claim 6 (currently amended): An antenna device (1, 1', 1") 1 2 as claimed in claim 4-or 5, further comprising: a first electrically conducting layer (22) at a first 3 side of the electrically isolating layer (20, 21)-; and 4 and an electrically conducting layer (23) at a second 5 6 side of the electrically isolating layer (20,21) shaped into a feed (102). 7

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Claim 7 (currently amended): An antenna device (1, 1', 1") 1 2 as claimed in claim 4,5 or 6, further comprising a second electrically conductive layer (24) at the second side of the 3 electrically isolating layer (20,21) shaped into connecting 4 lines (105) for transmitting signals from or to the antenna 5 structure (100). 6 Claim 8 (currently amended): An antenna device (1,1', 1") as 1 claimed in claim 7, wherein 2 the feed (102) lies between a first electrically 3 isolating layer (20) and a second electrically isolating 4 layer (21); and wherein 5 the connecting lines (105) are present at a side of the 6 7 second electrically isolating layer (21) facing away from the first electrically isolating layer (20). 8 Claim 9 (currently amended): An antenna device (1, 1', 1") 1 as claimed in claim 3 and any one of claims 6 8claims 3 and 2 6, wherein the first conducting layer (22) extends at least 3 partially over at least a part of the base plane (15, 15a, 4 5 15b). Claim 10 (currently amended): An antenna device (1, 1', 1") 1 as claimed in any one of claims 6-9 claim 6, further 2 comprising an amplifier element (103) positioned at the 3 second side, which amplifier element (103) is electrically 4 connected with a signal input to the feed (102) and is 5 connected with a reference input to a ground (104). 6 Claim 11 (currently amended): An antenna device (1, 1', 1") 1 as claimed in any one of claims 6 10 claim 6, wherein the 2

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first conducting layer (22) is used as ground (104).

- Claim 12 (currently amended): An antenna device (1, 1', 1")
- 2 as claimed in any one of the preceding claims claim 1,
- 3 wherein the antenna structures (100) include flat antennas.
- Claim 13 (original): An antenna device (1, 1', 1") as
- 2 claimed in claim 12, wherein the antenna structures (100)
- 3 include vertical antennas.

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- Claim 14 (original): An antenna device (1, 1', 1") as
- 2 claimed in claim 13, wherein the antenna structures (100)
- 3 include tapered slot antennas.
- 1 Claim 15 (currently amended): An antenna device (1, 1', 1")
- 2 as claimed in any one of the preceding claims claim 1,
- 3 wherein the support (2) is folded along at least one of said
- fold-lines (3-8, 80-83) such that at least one of the first
- support plane (10-13), the second support plane (10-13), and
- the base plane (15, 15a, 15b) is positioned substantially
- 7 perpendicular to at least one of the other planes.
- 1 Claim 16 (currently amended): An antenna device (1, 1', 1")
- 2 as claimed in claim 3 and any one of the preceding claims,
- wherein the base plane (15, 15a, 15b) is substantially
- 4 rectangular, said first support plane (10-13) is positioned
- at a first side of the rectangular base plane (15,\_15a, 15b)
- and said second support plane (10-13) is positioned at a
- 7 second side of the rectangular base plane (15, 15a, 15b)
- 8 transverse to the first side.
- 1 Claim 17 (currently amended): An antenna device as claimed
- 2 in any one of the preceding claims claim 1, wherein the
- 3 support plane is folded to a sleeve-like shape.

Claim 18 (currently amended): An antenna device as claimed 1 2 in any one of the preceding claims claim 1, wherein at least one of the antenna structures is connectable to further 3 4 signal processing devices outside the antenna device via a non-contact connection, such as a capacitive or an inductive 5 6 connection. Claim 19 (currently amended): An antenna array (30) 1 comprising at least two antenna devices (1', 1") as claimed 2 3 in any one of the preceding claims claim 1. Claim 20 (currently amended): An antenna array (30) as 1 claimed in claim 19, comprising at least one sheet shaped 2 support member (200, 201) which is folded along at least two 3 4 fold-lines (3-8, 80-83) to obtain at least two antenna 5 devices (1, 1', 1") as claimed in any one of claims 1-6 <del>17</del>claim 1. 1 Claim 21 (original): An antenna array as claimed in claim 20, wherein the sheet shaped supports (200, 201) are 2 connected to each other at or close to at least one of the 3 4 fold-lines (3-8, 80-83). Claim 22 (currently amended): An intermediate product (40) 1 2 for an antenna device (1, 1', 1") and/or an antenna array (30) as claimed in any one of the preceding 3 claimsclaim 1, comprising: 4 a sheet shaped support (2, 200, 201) with a first 5 6 structure and a second structure, which sheet shaped support (2, 200, 201) is foldable along a fold-line, by 7

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said first structure and a second support plane (10-13) with

means of which folding a first support plane (10-13) with

said second structure can be obtained, which first structure 10 and second structure after folding the support (2, 200, 201) 11 12 form at least a part of the first and second antenna 13 structures (100). Claim 23 (currently amended): A method for manufacturing an 1 antenna device (1, 1', 1") or an antenna array as claimed in 2 any one of claims 1 21 claim 1, comprising: 3 folding at least one sheet shaped support (2, 200, 201) 4 provided with at least two antenna structures (100) along at 5 least one fold-line, such that 6 at least one first support plane (10-13) adjacent to at 7 least one of said fold-lines (3-8, 80-83), which first 8 support plane (10-13) has at least one first antenna 9 10 structure (100) arranged for receiving or emitting electro-magnetic radiation; 11 at least one second support plane (10-13) adjacent to 12 at least one of said fold-lines (3-8, 80-83), which second 13 support plane (10-13) is positioned at an angle with respect 14 to the first support plane (10-13) and which second support 15 plane (10-13) has at least one second antenna 16 17 structure (100) arranged for receiving or emitting electro-magnetic radiation which differs in at least one 18

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property from the electro-magnetic radiation which can be

received or emitted by said first antenna structure (100).